

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000477.D
 Acq On : 29 Oct 2019 16:15
 Operator : SY/MD
 Sample : K5587-01RE
 Misc : 4.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:19:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	183681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	312751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	243745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	70968	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	108716	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
35) Dibromofluoromethane	7.73	113	96459	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
50) Toluene-d8	10.19	98	354763	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.48	95	83346	30.23	ug/l	0.00
Spiked Amount			Recovery	=	60.46%	

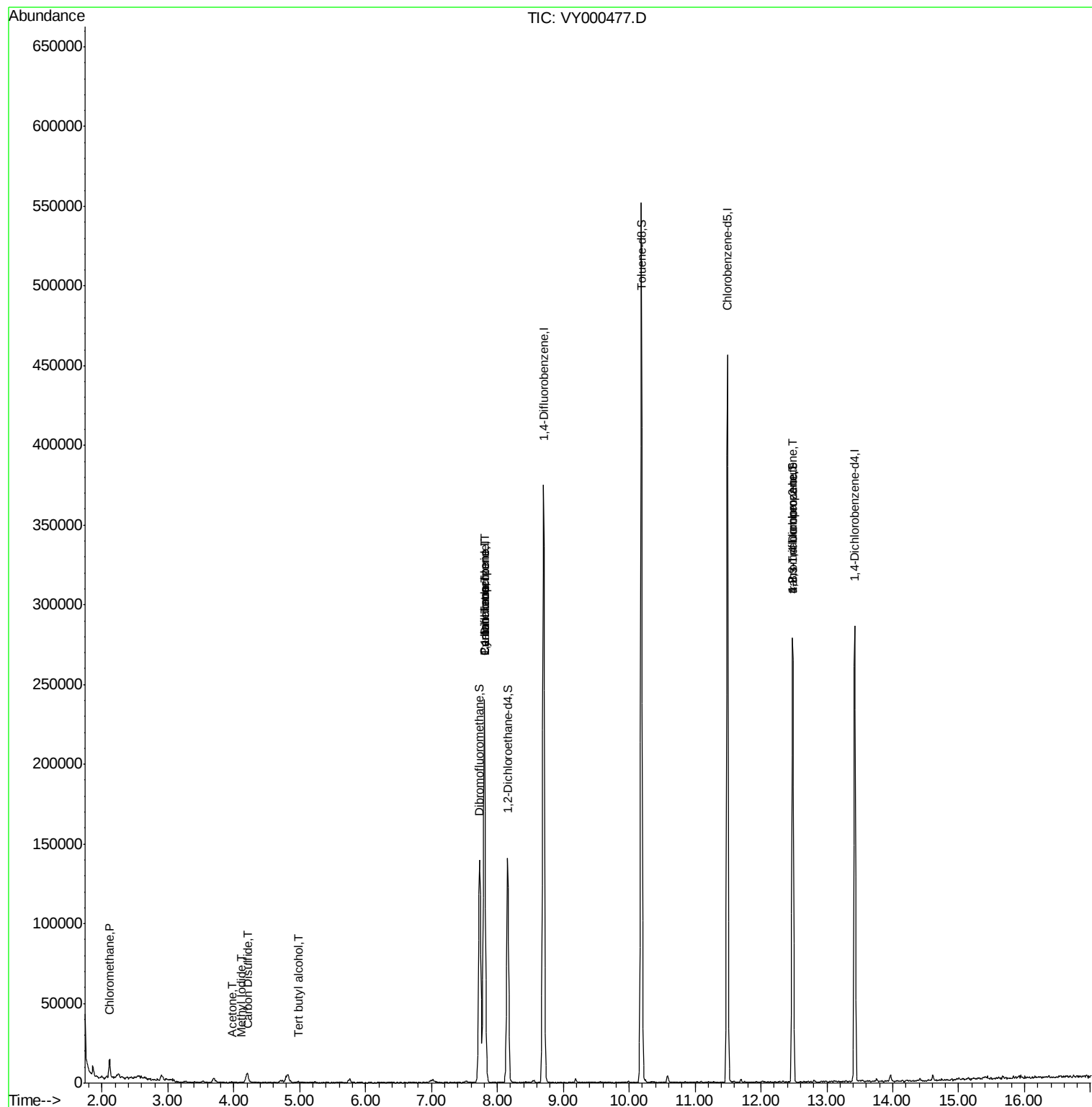
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	10639	4.740	ug/l #	87
10) Methyl Iodide	4.11	142	452	1.351	ug/l #	59
11) Tert butyl alcohol	4.98	59	768	3.788	ug/l #	73
16) Acetone	3.97	43	868	1.383	ug/l	91
17) Carbon Disulfide	4.20	76	11545	1.977	ug/l #	95
20) Methylene Chloride	4.71	84	881	Below Cal	#	39
31) Cyclohexane	7.80	56	4414	1.191	ug/l #	42
36) 1,1-Dichloropropene	7.80	75	14190	4.634	ug/l #	47
38) Carbon Tetrachloride	7.80	117	18497	6.239	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	44575	51.079	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	44575	111.759	ug/l #	14

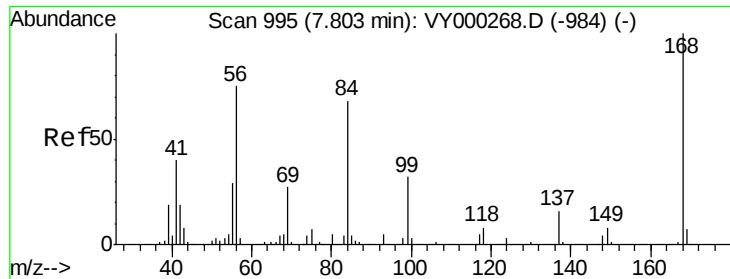
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000477.D

Acq: 29 Oct 2019 16:15

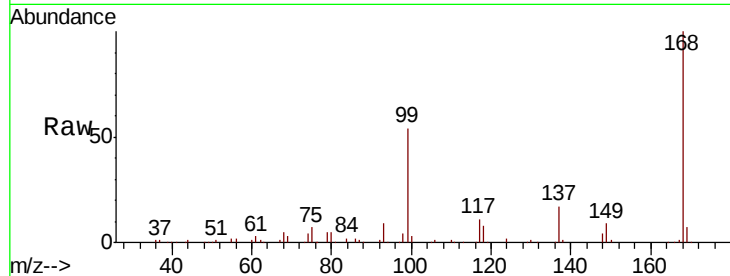
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 183681

Ion Ratio Lower Upper

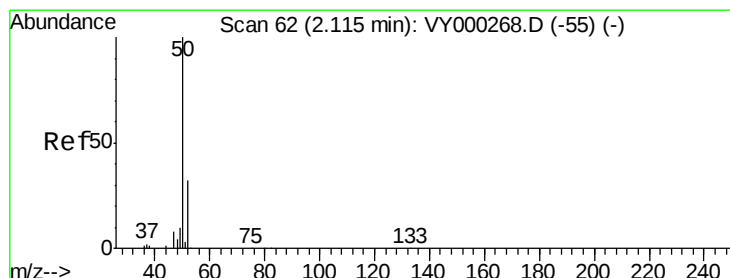
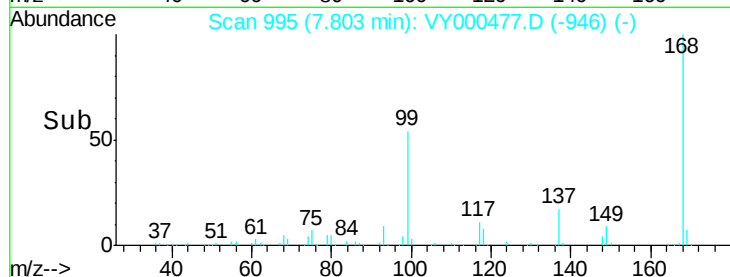
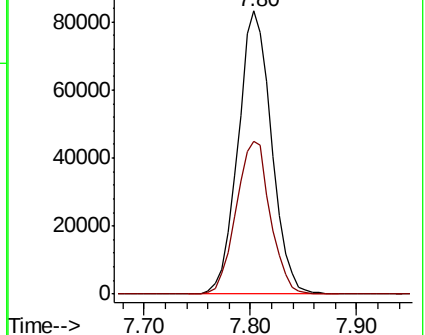
168 100

99 54.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#3

Chloromethane

Concen: 4.740 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000477.D

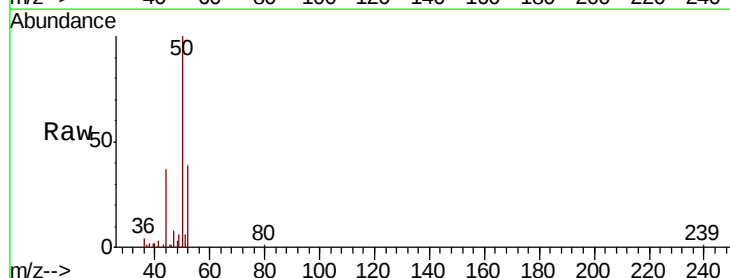
Acq: 29 Oct 2019 16:15

Tgt Ion: 50 Resp: 10639

Ion Ratio Lower Upper

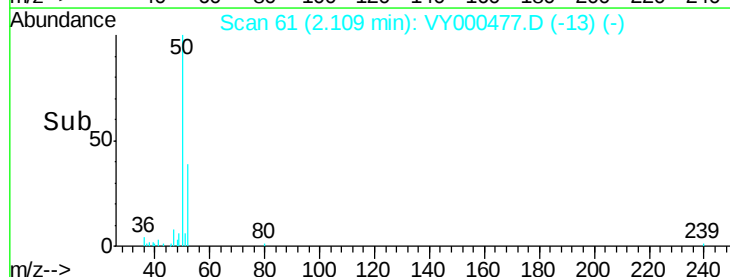
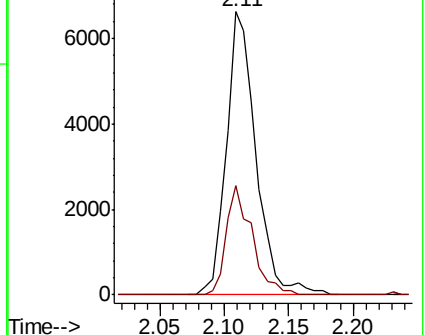
50 100

52 38.8 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000268.D (-55) (-)

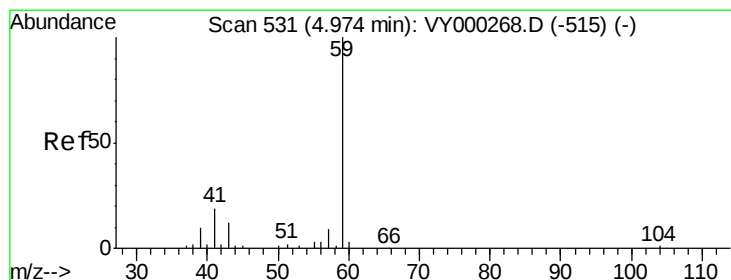
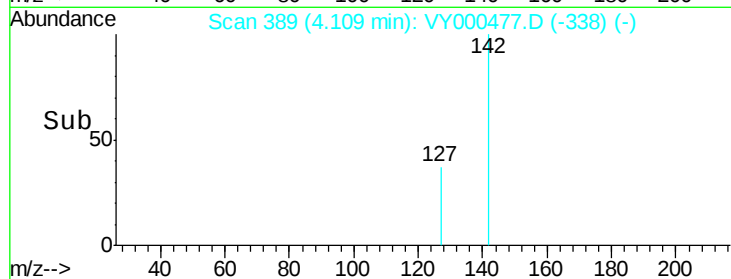
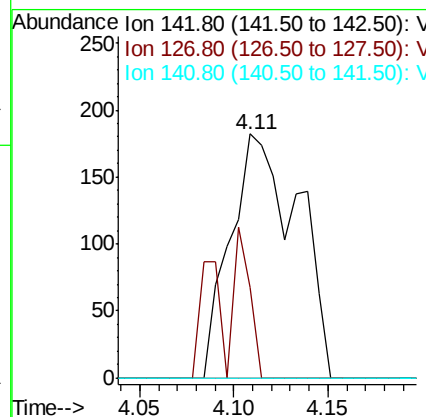
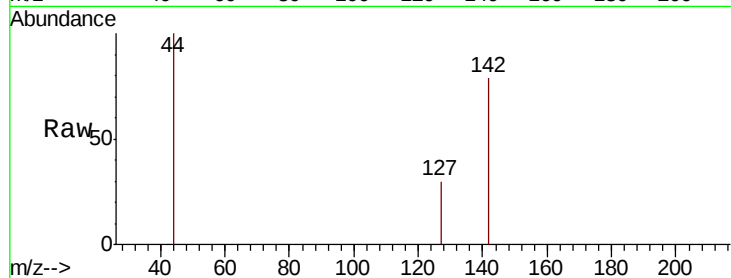




#10
Methvl Iodide
Concen: 1.351 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

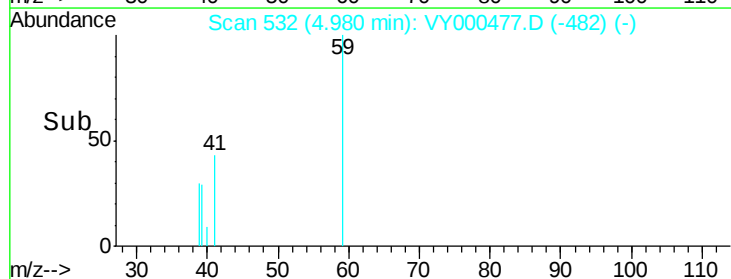
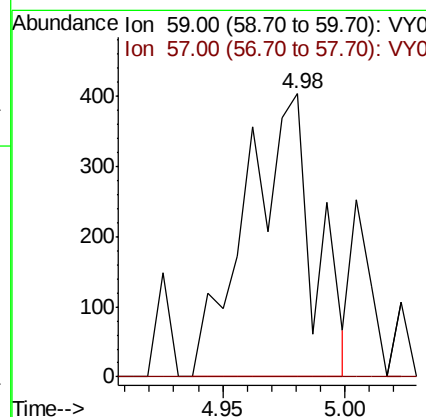
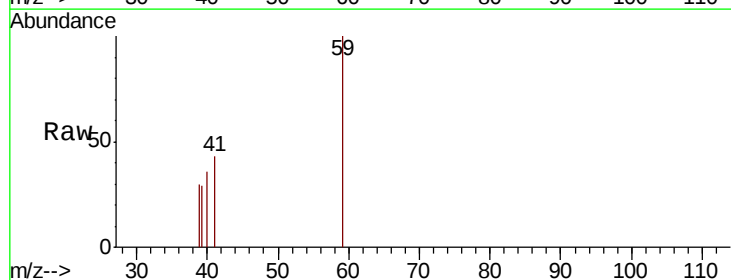
Instrument :
MSVOA_Y
ClientSampled :

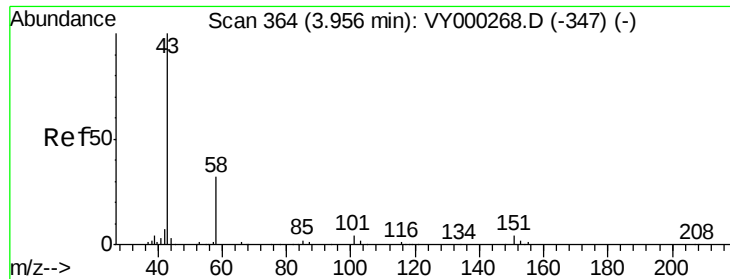
Tot Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
127 14.6 33.9 50.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.788 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.383 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000477.D

Acq: 29 Oct 2019 16:15

Instrument :

MSVOA_Y

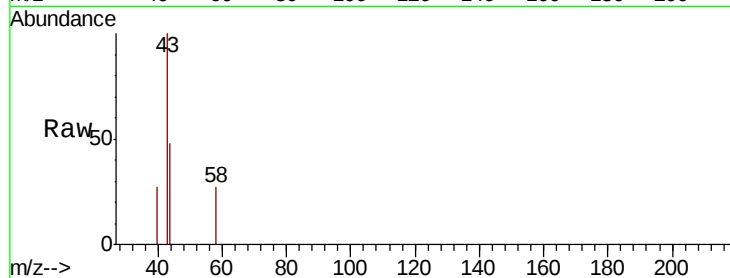
ClientSampled :

Tot Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

58 27.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

400

300

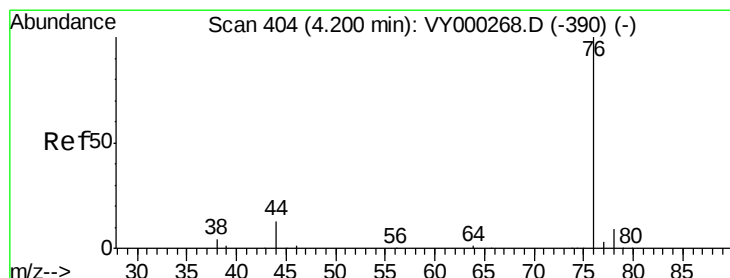
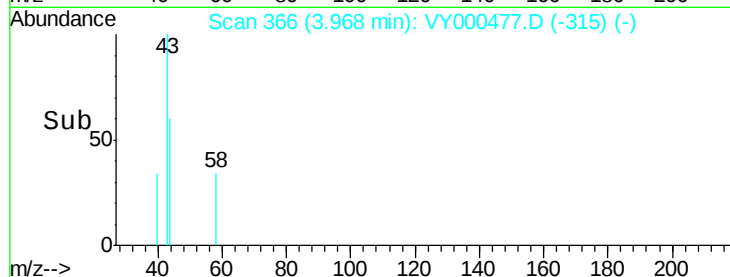
200

100

0

3.90 3.95 4.00

Time-->



#17

Carbon Disulfide

Concen: 1.977 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000477.D

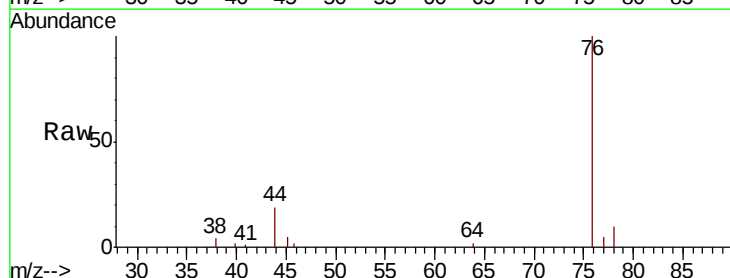
Acq: 29 Oct 2019 16:15

Tgt Ion: 76 Resp: 11545

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

4000

3000

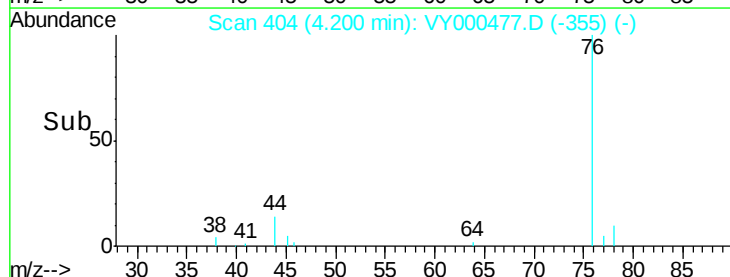
2000

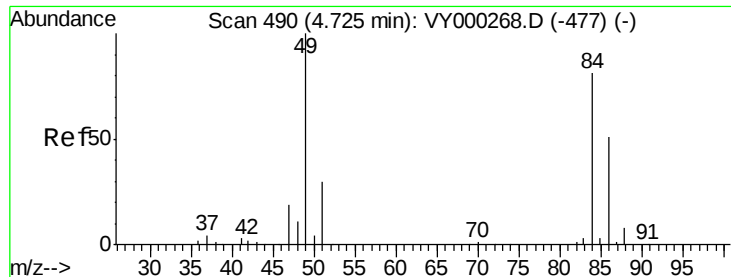
1000

0

4.10 4.20 4.30

Time-->

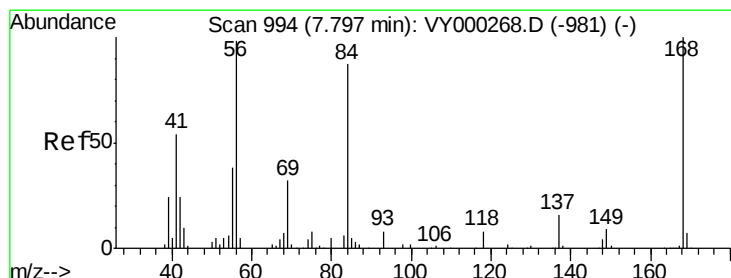
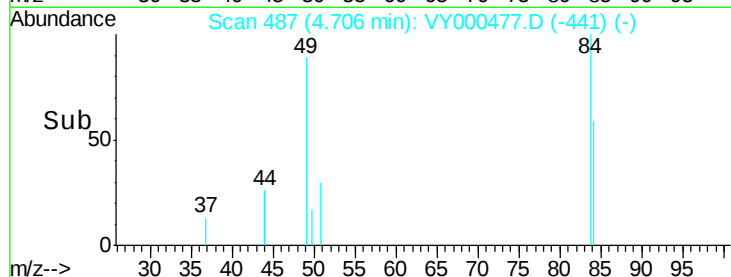
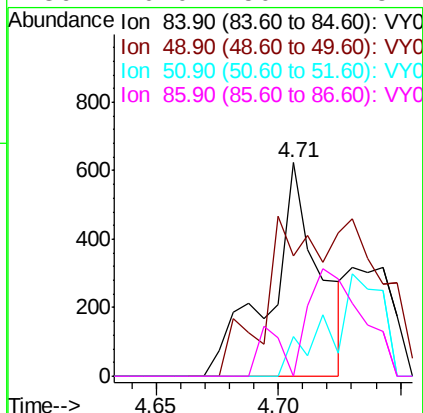
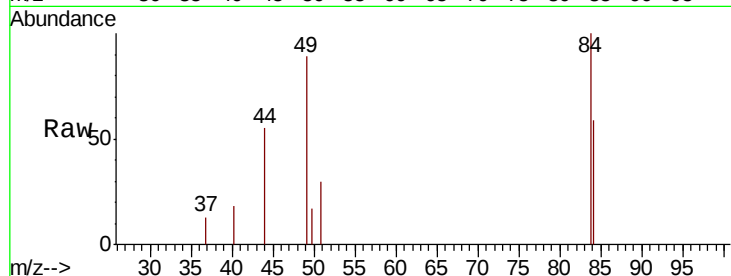




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.71 min Scan# 487
Delta R.T. -0.02 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

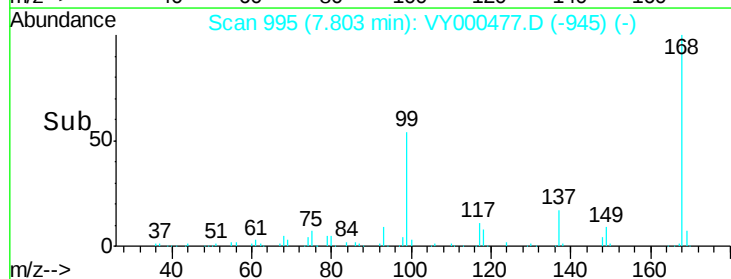
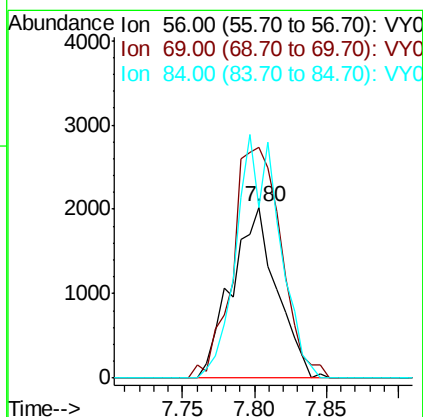
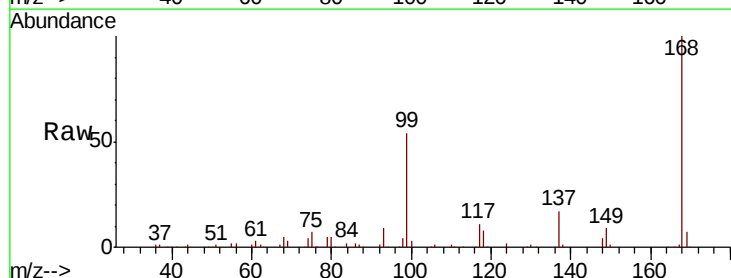
Instrument :
MSVOA_Y
ClientSampled :

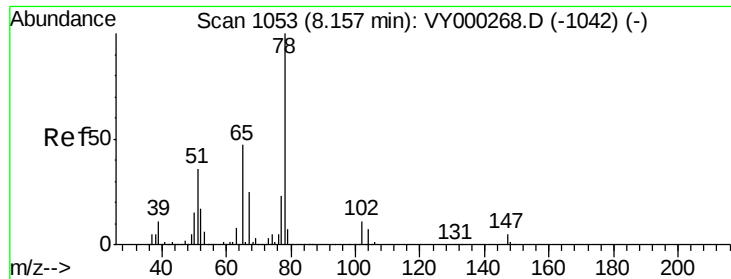
Tot Ion: 84 Resp: 881
Ion Ratio Lower Upper
84 100
49 56.1 99.0 148.4#
51 18.6 29.3 43.9#
86 0.0 50.2 75.4#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 134.8 26.3 39.5#
84 99.5 70.8 106.2

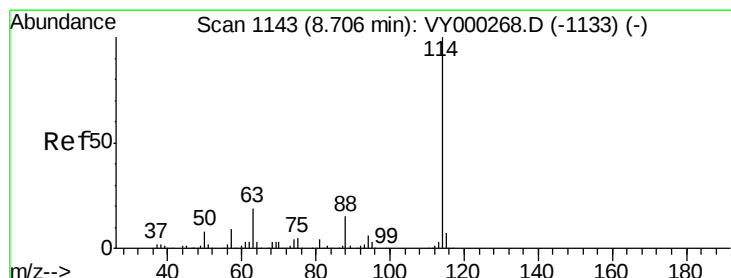
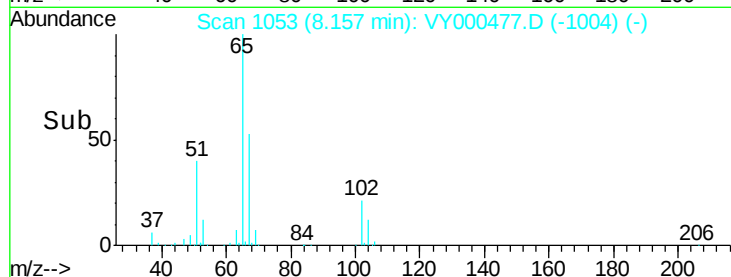
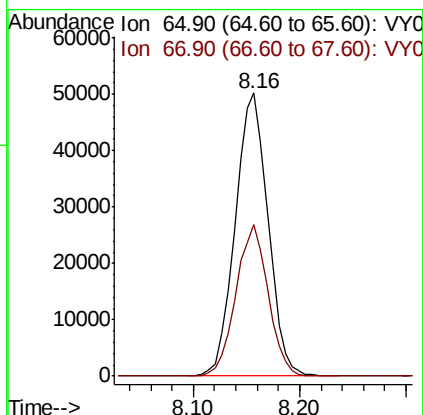
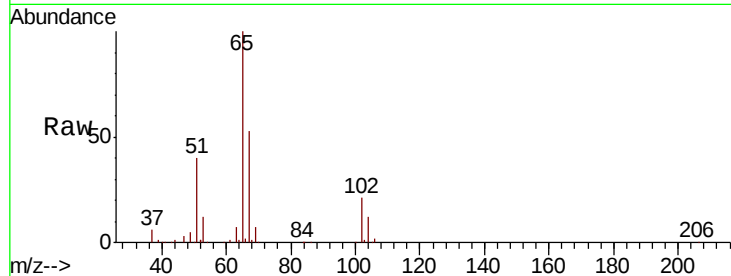




#33
 1,2-Dichloroethane-d4
 Concen: 56.110 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000477.D
 Acq: 29 Oct 2019 16:15

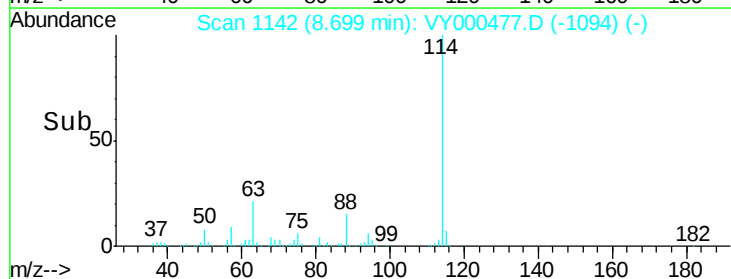
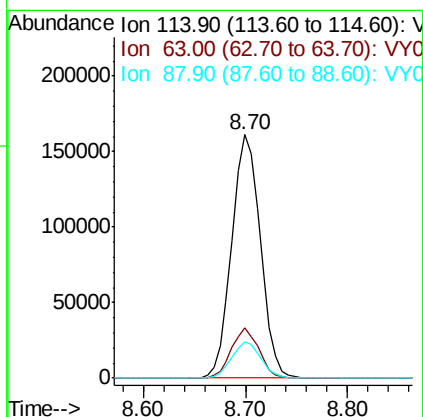
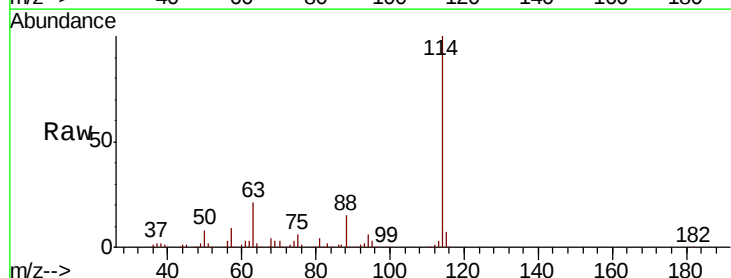
Instrument :
 MSVOA_Y
 ClientSampleId :

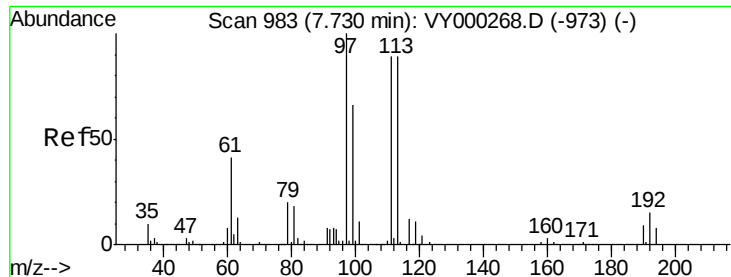
Tot Ion: 65 Resp: 108716
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000477.D
 Acq: 29 Oct 2019 16:15

Tgt Ion: 114 Resp: 312751
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.2
 88 14.6 0.0 30.2

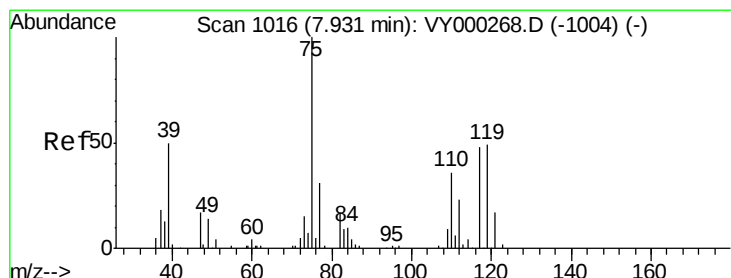
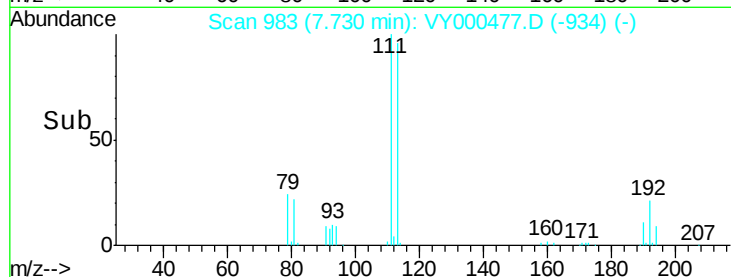
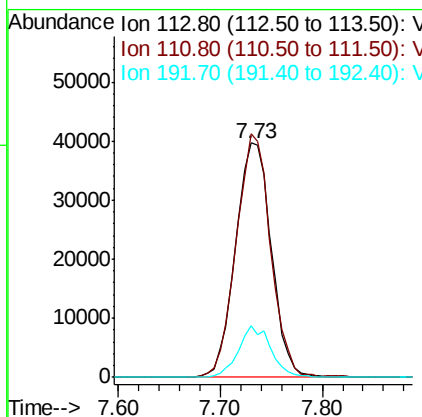
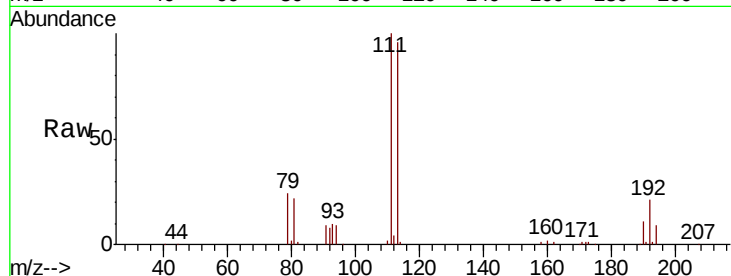




#35
 Dibromofluoromethane
 Concen: 51.130 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000477.D
 Acq: 29 Oct 2019 16:15

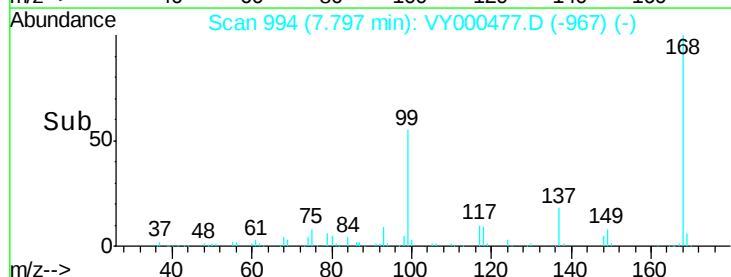
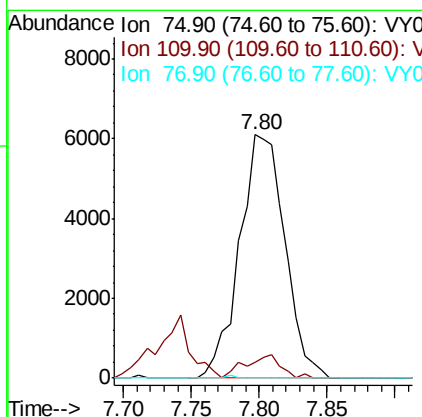
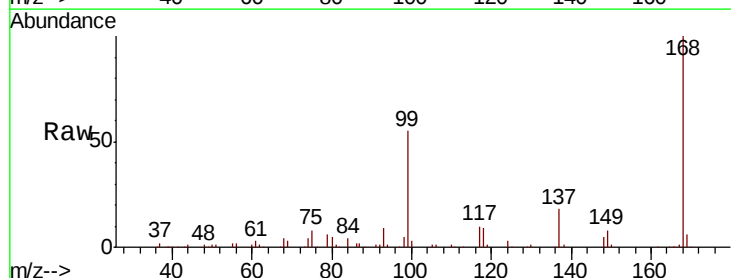
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 MSVOA_Y
 ClientSampled :

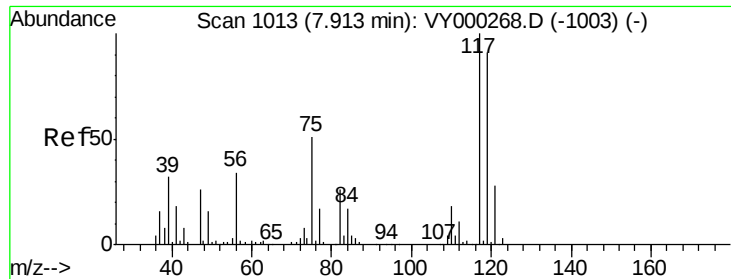
Tot Ion:113 Resp: 96459
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.6 122.4
 192 20.0 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000477.D
 Acq: 29 Oct 2019 16:15

Tgt Ion: 75 Resp: 14190
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.4 55.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.239 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000477.D

Acq: 29 Oct 2019 16:15

Instrument :
MSVOA_Y
ClientSampleId :

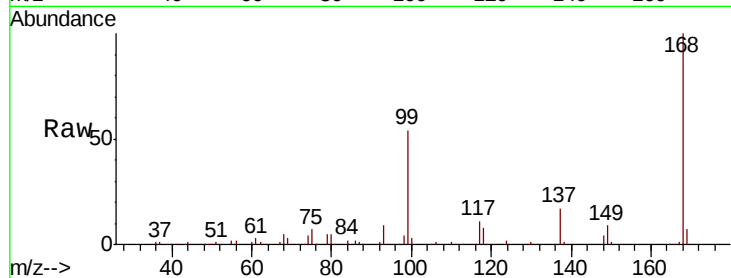
Tot Ion: 117 Resp: 18497

Ion Ratio Lower Upper

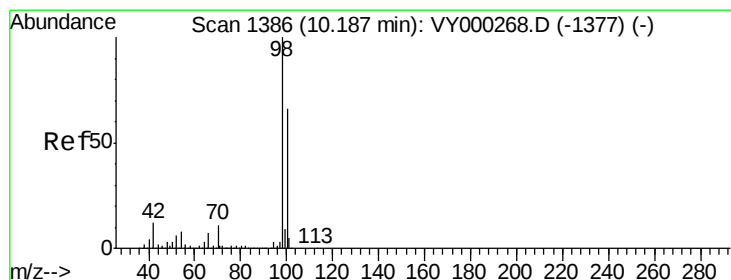
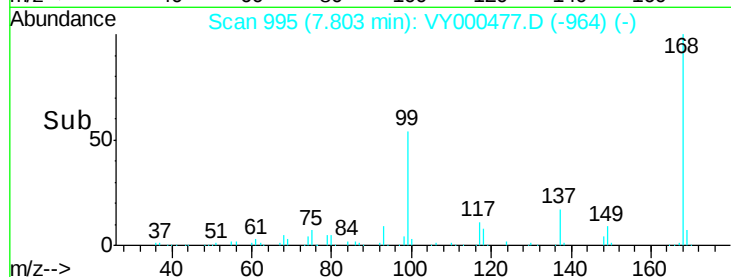
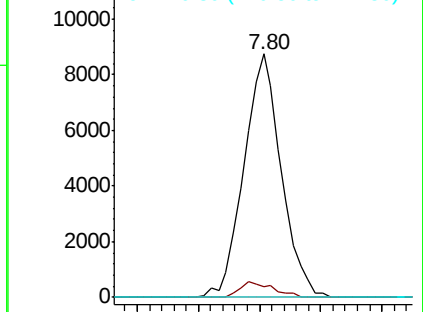
117 100

119 4.5 72.8 109.2#

121 0.0 22.2 33.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.885 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000477.D

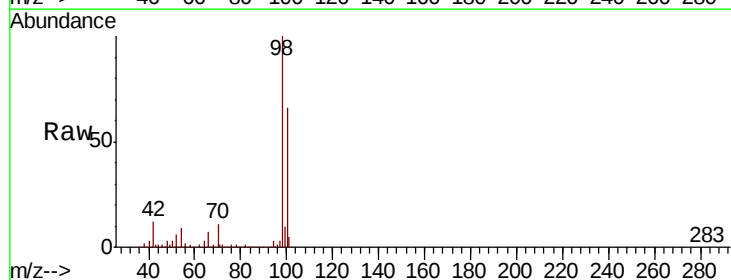
Acq: 29 Oct 2019 16:15

Tgt Ion: 98 Resp: 354763

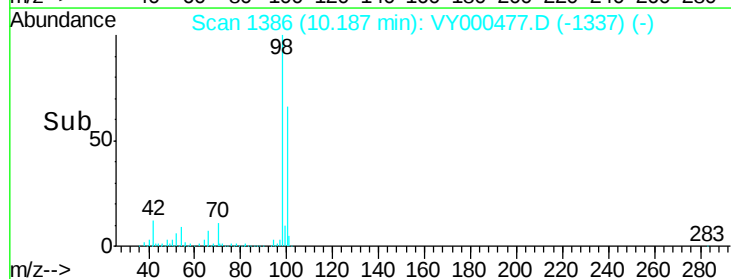
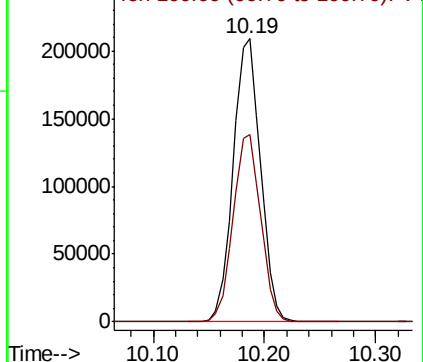
Ion Ratio Lower Upper

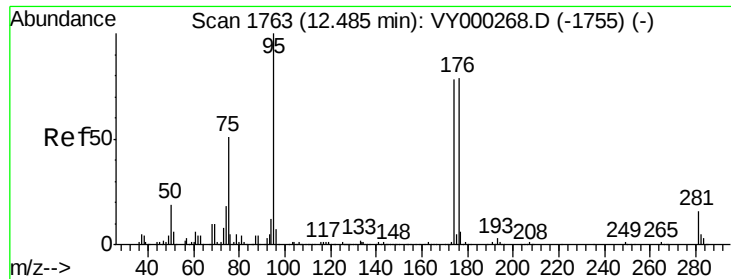
98 100

100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

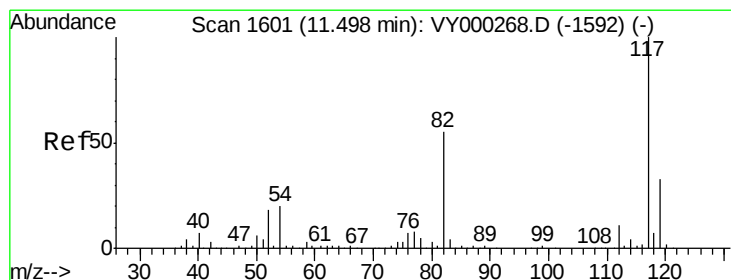
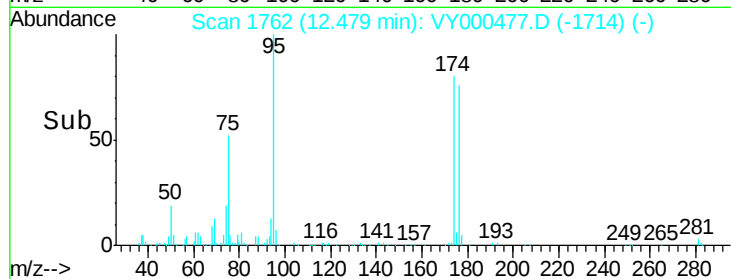
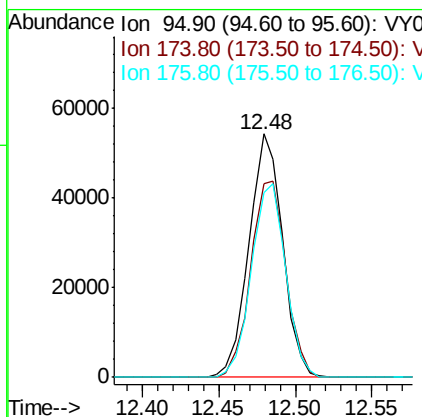
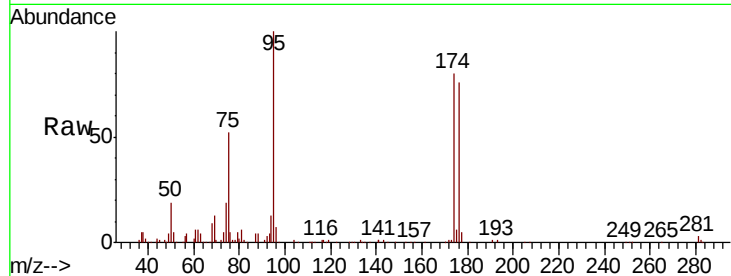




#62
4-Bromofluorobenzene
Concen: 30.230 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

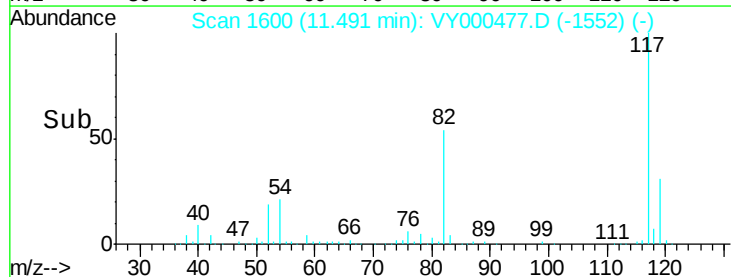
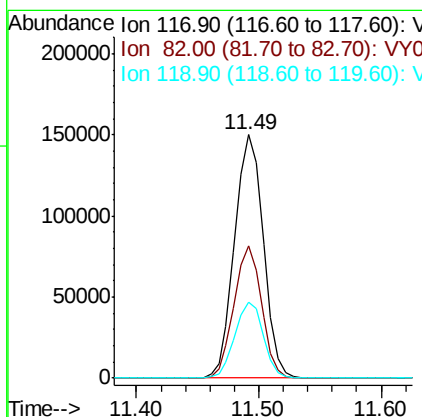
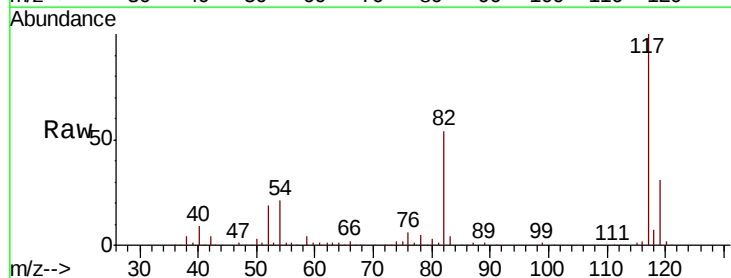
Instrument :
MSVOA_Y
ClientSampleId :

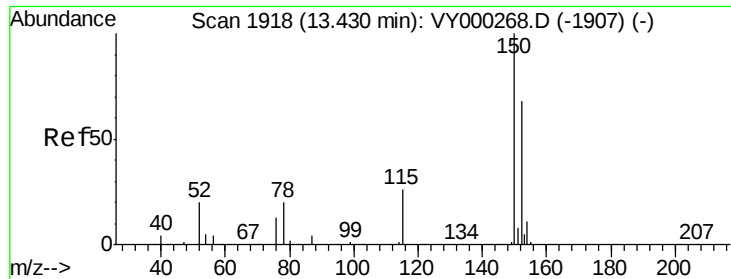
Tot Ion	95	Resp	83346
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	159.6
176	81.0	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

Tgt Ion	117	Resp	243745
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.7	65.5
119	31.0	26.6	39.8



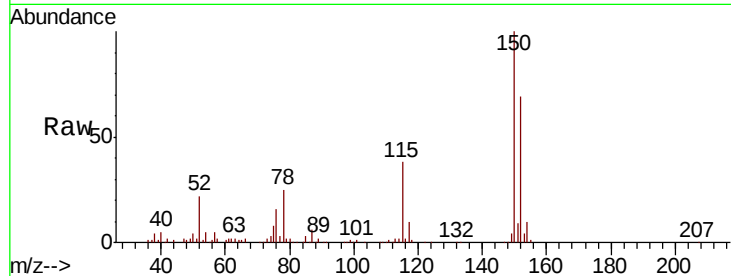


#72

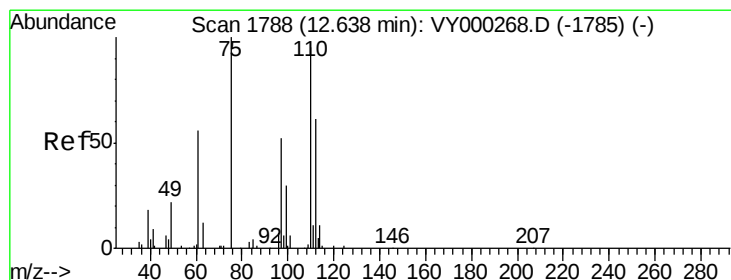
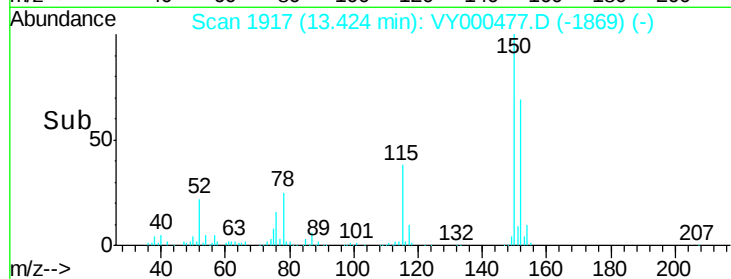
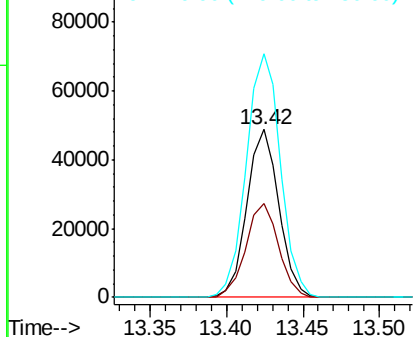
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 70968
Ion Ratio Lower Upper
152 100
115 57.0 29.3 88.0
150 154.9 0.0 348.4



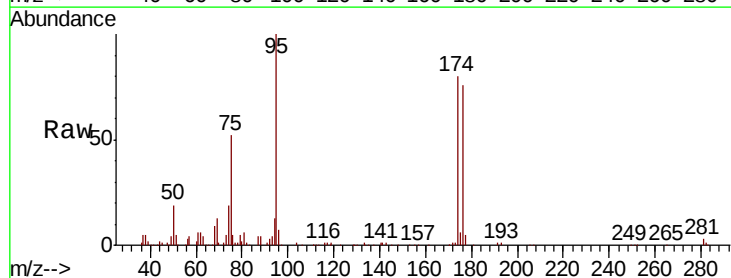
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



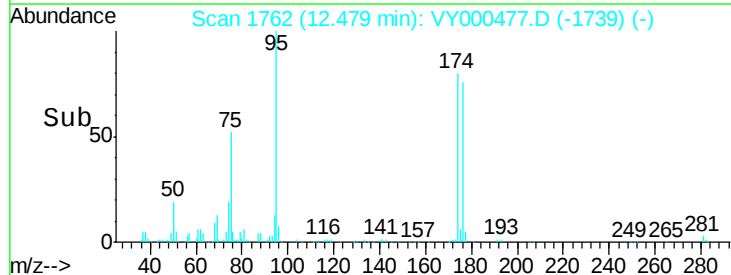
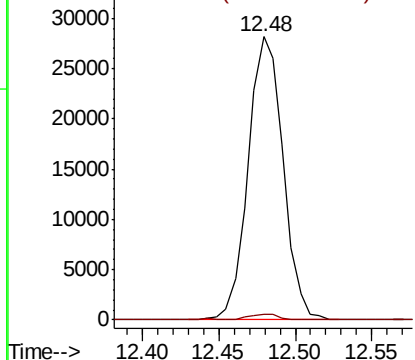
#76

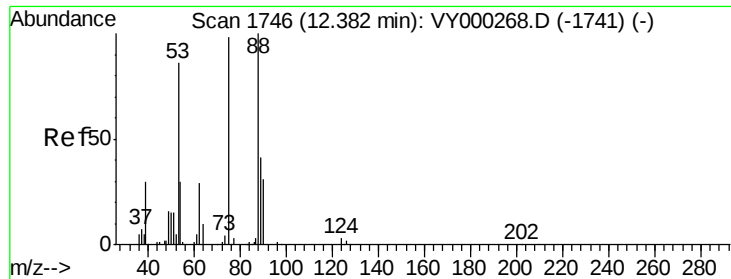
1,2,3-Trichloropropane
Concen: 51.079 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000477.D
Acq: 29 Oct 2019 16:15

Tgt Ion: 75 Resp: 44575
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 111.759 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000477.D

Acq: 29 Oct 2019 16:15

Instrument :

MSVOA_Y

ClientSampleId :

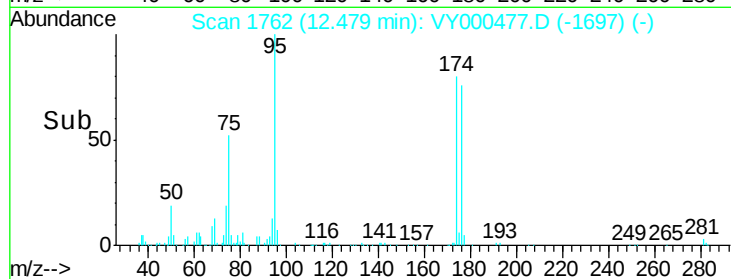
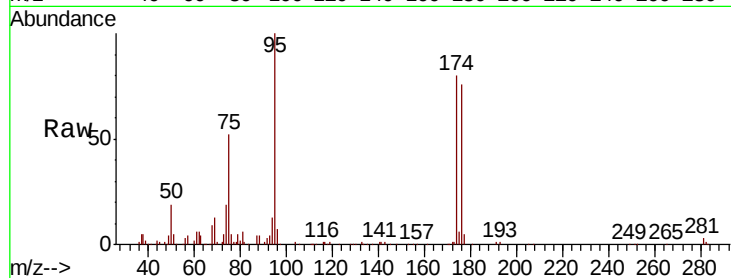
Tot Ion: 75 Resp: 44575

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 35.1 52.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

